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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,853	07/09/2003	Yoshifumi Kato	5000-5113	1775

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EXAMINER

GOOD JOHNSON, MOTILEWA

ART UNIT PAPER NUMBER

2677

DATE MAILED: 09/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/616,853

Applicant(s)

KATO, YOSHIFUMI

Examiner

Motilewa A. Good-Johnson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 07/09/03, 01/12/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Mori et al., U.S. Patent Publication 2002/0033908 A1.

Regarding claim 1, Mori discloses a liquid crystal display unit comprising: a liquid crystal panel, wherein the liquid crystal panel has a plurality of sub-pixels; a plurality of color filter members having different colors (30r, 30g, 30b) for displaying a color image, wherein each color filter member is located at a position corresponding to at least one of the sub-pixels; and an organic electroluminescent device located behind the liquid crystal panel, wherein the organic electroluminescent device functions as a backlight

(paragraph 0006), wherein the organic electroluminescent device has a plurality of organic electroluminescent bodies (paragraph 0060), wherein each organic electroluminescent body located opposite to a corresponding color filter member (figure 5) that has the same color as the color of light emitted (4r, 4g, 4b) from the organic electroluminescent body, and wherein each organic electroluminescent body emits light toward the corresponding color filter member (paragraph 0016)

Regarding claim 2, Mori discloses wherein the color filter members are arranged parallel to each other (figure 5), wherein the organic electroluminescent bodies extend parallel to each other, and wherein each organic electroluminescent body extends parallel to the corresponding color filter member (paragraph 0055)

Regarding claim 3, Mori discloses wherein the organic electroluminescent device is designed so that the organic electroluminescent bodies emit light simultaneously (paragraph 0038)

Regarding claim 4, Mori discloses wherein the organic electroluminescent device includes a pair of electrodes, wherein the pair of electrodes sandwiches the organic electroluminescent bodies, and wherein, when voltage is applied to the pair of electrodes, all of the organic electroluminescent bodies emit light simultaneously (paragraph 0027)

Regarding claim 5, Mori discloses wherein the organic electroluminescent device driven by a line-sequential drive system (paragraph 0041)

Regarding claim 6, Mori discloses wherein the liquid crystal panel has a plurality of scanning electrodes, wherein the scanning electrodes extend parallel to each other, wherein each scanning electrode partially corresponds to each of the organic electroluminescent bodies, and wherein, when voltage is applied to any of the scanning electrodes, parts of the organic electroluminescent bodies that correspond to the excited scanning electrodes emit light (paragraph 0038)

Regarding claim 7, Mori discloses wherein the organic electroluminescent device has a reflective electrode, wherein the reflective electrode is located on the opposite side of the liquid crystal panel with respect to the organic electroluminescent bodies, and wherein the reflective electrode reflects light that enters through the liquid crystal panel toward the liquid crystal panel (paragraphs 0030-0041)

Regarding claim 8, Mori discloses wherein each organic electroluminescent body coincides in shape with the color filter member that corresponds to the organic electroluminescent body in a light output direction (paragraphs 0057 and 0060)

Regarding claim 9, Mori discloses a liquid crystal display unit comprising: a liquid crystal panel, wherein the liquid crystal panel has a plurality of sub-pixels, wherein the

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liquid crystal panel has a plurality of scanning electrodes (5), which extend parallel to each other, and a plurality of data electrodes (9, pixel electrodes, which Examiner interprets as data electrodes), which extend parallel to each other, wherein the scanning electrodes extend in a direction to intersect the data electrodes, and wherein each sub-pixel is formed at an intersection (figure 1) between one of the scanning electrodes and one of the data electrodes: a plurality color filter members (30r, 30b, 30g) for displaying a color image, wherein each color filter member is located at a position corresponding to at least one the sub-pixels; and an organic electroluminescent device located behind the liquid crystal panel (figure 5), wherein the organic electroluminescent device functions as a backlight (paragraph 0006), wherein the organic electroluminescent device has a plurality of organic electroluminescent bodies (4r, 4g, 4b), wherein each organic electroluminescent body is located opposite to a color filter member that has the same color as the color of light emitted from the organic electroluminescent body, and wherein each organic electroluminescent body emits light toward the corresponding color filter member (paragraph 0016)

Regarding claim 10, Mori discloses wherein each organic electroluminescent body coincides in shape with the color filter member that corresponds to the organic electroluminescent body in a light output direction (paragraph 0057 and 0060)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Motilewa A. Good-Johnson whose telephone number is

(571) 272-7658. The examiner can normally be reached on Monday, Tuesday and Wednesday 9:00 AM - 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on (571) 272-3638. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Motilewa A. Good-Johnson
Examiner
Art Unit 2677

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SUMATI LEFKOWITZ
SUPERVISORY PATENT EXAMINER